

## M 6.6, 184 km SE of Hirara, Japan

Origin Time: 2021-11-10 15:45:13 UTC (Wed 23:45:13 local)

Location: 23.5414° N 126.4798° E Depth: 10.0 km

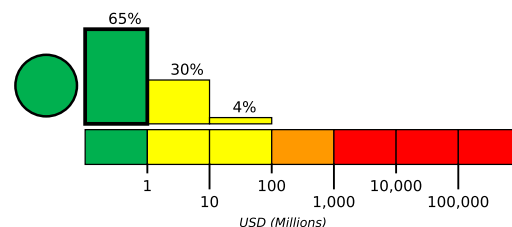
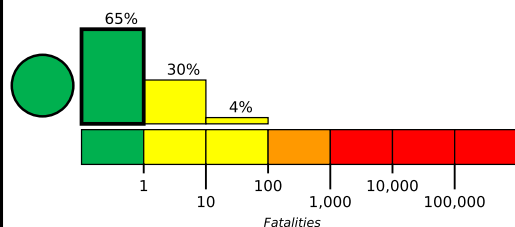
FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](https://tsunami.gov)

Created: 2 hours, 6 minutes after earthquake

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

### Estimated Economic Losses

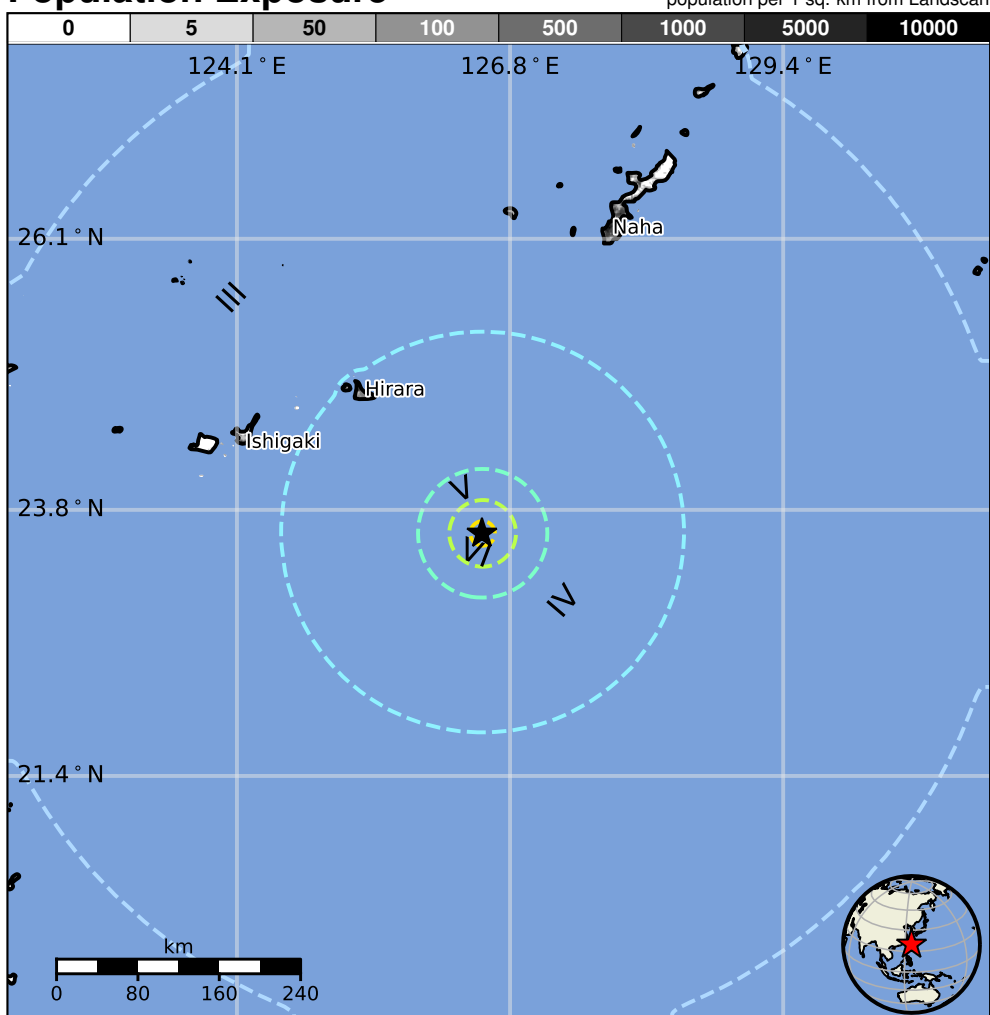


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,356k	89k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1998-05-03	167	7.4	IV(107k)	—
1990-05-17	372	5.8	VII(162k)	—
2004-10-15	396	6.6	VI(3k)	0

### Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	<b>Hirara</b>	<b>34k</b>
IV	<b>Ishigaki</b>	<b>45k</b>
III	Tomigusuku	56k
III	<b>Naha</b>	<b>301k</b>
III	Itoman	57k
III	Ginowan	92k
III	Okinawa	125k
III	Gushikawa	65k
III	Chatan	28k
III	Katsuren-haeburu	34k
III	Nago	60k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000fszl#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000fszl